

WHAT IS CLAIMED IS:

1. A caliper gauge comprising:

first and second substantially parallel measuring surfaces spaced from each other at a substantially known distance, a first step face intersecting said first measuring surface and a second step face intersecting said second measuring surface, said step faces acting as caliper gauge stops to aid in positioning the fingers of a caliper gauge on said first and second measuring surfaces; and

a back stop having a back stop surface, said back stop surface intersecting said first measuring surface and said second measuring surface, said back stop surface being for further aid in positioning caliper gauge fingers against first and second measuring surfaces.

2. The caliper gauge of Claim 1 wherein said first and second measuring surfaces is a pair of measuring surfaces at a substantially known distance from each other and there is a plurality of such pairs of measuring surfaces on said caliper gauge.

3. The caliper gauge of Claim 2 where said first and second step faces adjacent said first and second measuring surfaces are steps between adjacent measuring surfaces.

4. The caliper gauge of Claim 1 wherein said first and second measuring surfaces face away from each other and said caliper gauge also has third and fourth measuring surfaces facing toward each other, said third and fourth measuring surfaces each also having an adjacent step face and said back stop surface to aid in positioning the fingers of the caliper with respect to said third and fourth measuring surfaces.

5. The caliper gauge of Claim 4 wherein said first and second measuring surfaces is a pair of measuring surfaces at a substantially known distance from each other and there is a plurality of such pairs of measuring surfaces on said caliper gauge.

6. The caliper gauge of Claim 5 where said first and second step faces adjacent said first and second measuring surfaces are steps between adjacent measuring surfaces.

7. The caliper gauge of Claim 6 wherein said measuring surfaces are formed on a gauge body and said back stop surfaces are all on said back stop, said gauge body lying against said back stop.

8. A caliper gauge comprising:

a back plate having a front surface;

a gauge body, said gauge body lying against said front surface of said back plate, said gauge body having a plurality of pairs of measuring surfaces, each of said pairs of measuring surfaces comprising a first measuring surface and a second measuring surface, said first and second measuring surfaces of each pair being substantially parallel and being spaced apart a substantially known distance, said gauge body having step faces between said pairs of measuring surfaces so that a caliper gauge can have its fingers placed on said first and second measuring surfaces of a particular pair of measuring surfaces with the fingers of said caliper gauge being positioned with respect to said measuring surfaces by said front surface of said back plate and said adjacent step face.

9. The caliper gauge of Claim 8 wherein said gauge body is V-shaped and said pairs of measuring surfaces are external of said V for the setting of an external caliper and there are also pairs of measuring surfaces on the inside of said V, said inside measuring surfaces each lying adjacent a step face and said front surface on said back plate so that an internal caliper can be set with its fingers on said inside measuring surfaces.

10. The caliper gauge of Claim 9 wherein there is indicia adjacent selected ones of pairs of measuring surfaces to aid in selecting the desired pair of measuring surfaces.

11. The caliper gauge of Claim 8 wherein there is indicia adjacent selected ones of pairs of measuring surfaces to aid in selecting the desired pair of measuring surfaces.

12. The caliper gauge of Claim 11 wherein said indicia is positioned on said back plate.

13. The caliper gauge of Claim 11 wherein said indicia is positioned both on said back plate and on said gauge body.

14. The caliper gauge of Claim 8 further including a base, said back plate and said gauge body being supported by said base so that said caliper gauge can stand on any surface.

15. The caliper gauge of Claim 8 wherein said back plate has attachment structure thereon so that said back plate can be attached an upright structure to position said caliper gauge in a convenient location.

16. A caliper gauge comprising:

a gauge body, a back plate having a front surface, said gauge body being attached to said front surface of said back plate;

a plurality of pairs of measuring surfaces on said gauge body, said measuring surfaces of each of said pairs of measuring surfaces being spaced from each other a substantially known distance, a first pair of said measuring surfaces being positioned adjacent a second pair of said measuring surfaces which are a different distance apart so that said gauge body has a step face between said first and second pairs of measuring surfaces so that each pair of measuring surfaces lies adjacent said front surface of said back plate and said adjacent step face so that the fingers of a caliper are constrained with respect to a particular selected pair of measuring surfaces.

17. The caliper gauge of Claim 16 wherein said pairs of measuring surfaces are positioned with respect to each other as to be in a successively larger spacing between said measuring surfaces.

18. The caliper gauge of Claim 17 wherein said measuring surfaces include pairs of outside measuring surfaces which face away from each other and pairs of inside measuring surfaces which face toward each other, with the measuring surfaces of each pair of measuring surfaces being substantially parallel to each other.

19. The caliper gauge of Claim 18 further including indicia to permit the user to easily select the pair of measuring surfaces which are at a selected distance from each other.

20. The caliper gauge of Claim 19 further including structure to support said caliper gauge at a desired location.